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CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

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=> s beta-galactosidase and Lactobacillus

539243 BETA
321 BETAS
539317 BETA
(BETA OR BETAS)
19649 GALACTOSIDASE
622 GALACTOSIDASES
19858 GALACTOSIDASE
(GALACTOSIDASE OR GALACTOSIDASES)
16793 BETA-GALACTOSIDASE
(BETA(W) GALACTOSIDASE)
13561 LACTOBACILLUS
3341 LACTOBACILLI
11 LACTOBACILLIS
15254 LACTOBACILLUS
(LACTOBACILLUS OR LACTOBACILLI OR LACTOBACILLIS)

L1 183 BETA-GALACTOSIDASE AND LACTOBACILLUS

=> s l1 and marker gene

124331 MARKER
100154 MARKERS
200157 MARKER
(MARKER OR MARKERS)
659096 GENE
233969 GENES
739429 GENE
(GENE OR GENES)

2859 MARKER GENE
(MARKER(W) GENE)

L2 0 L1 AND MARKER GENE

=> s l1 and selectable

2841 SELECTABLE

L3 0 L1 AND SELECTABLE

=> d l1 1-50 ti

L1 ANSWER 1 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS

TI Efficient system for directed integration into the **Lactobacillus**
acidophilus and **Lactobacillus** **gasseri** chromosomes via homologous
recombination.

L1 ANSWER 2 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS

TI Utilisation of galacto-oligosaccharides as selective substrates for growth
by lactic acid bacteria including *Bifidobacterium lactis* DR10 and

Lactobacillus rhamnosus DR20.

- L1 ANSWER 3 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI The functional ccpA gene is required for carbon catabolite repression in **Lactobacillus** plantarum.
- L1 ANSWER 4 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Natural exopolysaccharides enhance survival of lactic acid bacteria in frozen dairy desserts.
- L1 ANSWER 5 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Modulation of the intestinal ecosystem by probiotics and lactulose in children during treatment with ceftriaxone.
- L1 ANSWER 6 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Contribution of the phosphoenolpyruvate:mannose phosphotransferase system to carbon catabolite repression in **Lactobacillus** pentosus.
- L1 ANSWER 7 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Microbiological and biochemical properties of Canestrato Pugliese hard cheese supplemented with bifidobacteria.
- L1 ANSWER 8 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Use of chemical mutagenesis for the isolation of food grade **beta-galactosidase** overproducing mutants of bifidobacteria, **lactobacilli** and *Streptococcus thermophilus*.
- L1 ANSWER 9 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Stability and activity of **beta-galactosidase** in sonicated cultures of **Lactobacillus** delbrueckii ssp. bulgaricus 11842 as affected by temperature and ionic environments.
- L1 ANSWER 10 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Development of genetic tools for **Lactobacillus** sakei: Disruption of the **beta-galactosidase** gene and use of lacZ as a reporter gene to study regulation of the putative copper ATPase, AtkB.
- L1 ANSWER 11 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Isolation and characterization of **beta-galactosidase** from **Lactobacillus** crispatus.
- L1 ANSWER 12 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Lactose hydrolysis using a disrupted dairy culture: Evaluation of technical and economical feasibility.
- L1 ANSWER 13 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Salmonella enteritidis hlaA gene fusion response after incubation in spent media from either S. enteritidis or a poultry **Lactobacillus** strain.
- L1 ANSWER 14 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Nucleotide sequence, expression and transcriptional analysis of the Bifidobacterium longum MB 219 lacZ gene.
- L1 ANSWER 15 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Characterization of natural isolates of **Lactobacillus** strains to be used as starter cultures in dairy fermentation.
- L1 ANSWER 16 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Influence of a synbiotic mixture consisting of **Lactobacillus** acidophilus 74-2 and a fructooligosaccharide preparation on the microbial ecology sustained in a simulation of the human intestinal microbial

ecosystem (SHIME reactor).

- L1 ANSWER 17 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Duplication of the **beta-galactosidase** gene in some **Lactobacillus plantarum** strains.
- L1 ANSWER 18 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Elements involved in catabolite repression and substrate induction of the lactose operon in **Lactobacillus casei**.
- L1 ANSWER 19 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Production of transgalactosylated oligosaccharides (TOS) by galactosyltransferase activity from *Penicillium simplicissimum*.
- L1 ANSWER 20 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Molecular cloning and sequencing of two phospho-**beta-galactosidase** I and II genes of **Lactobacillus gasserii** JCM1031 isolated from human intestine.
- L1 ANSWER 21 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI A randomized trial of **Lactobacillus acidophilus** BG2FO4 to treat lactose intolerance.
- L1 ANSWER 22 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Acid and bile resistance of *Bifidobacterium* spp., **Lactobacillus bulgaricus** and *Streptococcus salivarius* subspecies *thermophilus* and their **beta-galactosidase** activities.
- L1 ANSWER 23 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Temperature adaptation and cryotolerance in **Lactobacillus acidophilus**.
- L1 ANSWER 24 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Growth of a human intestinal *Desulfovibrio desulfuricans* in continuous cultures containing defined populations of saccharolytic and amino acid fermenting bacteria.
- L1 ANSWER 25 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Survival rate and enzyme activities of **Lactobacillus acidophilus** following frozen storage.
- L1 ANSWER 26 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Utilization of ultrafiltration permeate for production of **beta-galactosidase** from **Lactobacillus bulgaricus**.
- L1 ANSWER 27 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Lactose and galactose uptake by genetically engineered *Pediococcus* species.
- L1 ANSWER 28 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Permeabilization of *Streptococcus thermophilus* and **Lactobacillus delbrueckii** subsp. *bulgaricus* with ethanol.
- L1 ANSWER 29 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Selection of **Lactobacillus acidophilus** strains for use as dietary adjuncts in cultured dairy products.
- L1 ANSWER 30 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Management of lactose maldigestion by consuming milk containing **lactobacilli**.
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